Work Orde August-21-12 12		062		*89	<b>062</b> *						Page 1
tem ID: I Revision ID:	D2161-212			Accept	*N900	<b>1</b> 040	100	)* s	Setup Star	171	S1*
Item Name:	Mirror Bracket,	, 212							Stop	, *N	S2*
Start Date: 8	8/27/12	Start Qty: 4.00	*4*		Cust Item	ID:					
Required Date: { Reference:	8/27/12	Req'd Qty: 4.00	*4*		Customer	:					
Approvals:	Process Plan	n: MLJ	Date: 12/08/1	_\Tooling:		Date:		F	Run Star	17	R1*
			Date:	SPC (Y/N):	I	Date:			Stop	' *N	R2*
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revi	sion Nbr									
D2161	Rev l	B2		•							
100		Weld per dwg A/R S.S.	rod Batch: M 12235	7 0.00							
*1በበ*		Large Fab						(4)	Q	13-5-	13
Large Fab		Memo		0.00							
Large Fab			on Jig DT8065 as per Dwg per Dwg D2161 Identify as I								
110		QC9- Inspect visual per	QSI004- Fusion Welds	0.00							<b>08</b>
*11 <b>0</b> *				0.00				9	13-05	-13	
Quality Control		Memo		0.00							
Ç				·							
120		QC5- Inspect part comp	leteness to step on W/O	0.00							DAS 09
*120*								(D)	13-05	- 1 <u>3</u>	<b>0</b> 9
QC		Memo		0.00							0.

< ·

Quality Control

NCR:	es /	No				WORK ORDER NON-	COI	NFOR	MANCE / UP	DATE			
						200					QA Closed:	Date	:
Work Orde	er:		_			DISPOSITION	,			AGAINST DE	PARTMENT,	_	
Part No						Rework Skid-tube Crosstube Machining Small Fab Use-as-is Thermoforming Finishing Composite				4	Water Jet d. Eng. Coor. e/Packaging Supplier	Engineering Quality Other	
Root Desc					Descri	ption of work order update	<u> </u>	nitial	Ac	tion	Sign &	<del></del>	
Cause	D	ate S	tep	Qty	Č	or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data									·				
Equip/Tooling													
Operator				Ì									
Material													
Setup													
Other							1						
Process			ļ										
Supplier													
Training							1						
Unapproved													
						F	AUL	T CATE	GORY				
Landir	ng Gear					General		_			-		
7	- Ben	ding				Bend		Grain			Ovalized	L	Pressure/Forced
<b>୍</b>	Cen	tre Not Co	oncen	tric to C	)/S	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Cra	cks				Broken/Damaged		Inspecti	ion Incomplete		Part Incorred	t _	Weld
	Crushed/Crimped. Burrs						Instruct	ions Incomplete/	Unclear	Part Lost/Missing Wrong Stock Pulled			
	Cuffs					Contamination		Mainte	enance		Part Moved		
	Heat Treat					Countersink		Mislabe	eled ·		Positioned V	Vrong	_
	Inspection Strip in Tube Cut Too Short				Cut Too Short		Misread	t		Power Loss/	Surge	Other	
, [	Ripples in Bend Drill Holes						Offset						
	Torque Waves in Extrusion Dra					Drawing		Out of (	Calibration				

Out of Sequence

Outside Dimensions

Date: \_

DQA:

Turning Sequence

Wave/Twist in Tube

Finish

Folio

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											D	QA:	Date	e:	
NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UP	DATE					
											QA Clos	sed:	Date	<u> </u>	
Maril Ond						DISPOSITION				AGAINST D	PARTMI	ENT	/PROCESS		
Work Ord	er.					Rework	7		Skid-tube	Water Jet			$\neg$	Engineering	
Part	Part No.					Scrap	1 ]		Machining	Crosstube Small Fab	Prod. Eng. Coor.			$\dashv$	Quality
						Use-as-is	1	Therm	Rec/Store/Packaging				Other		
NCR No.						Work Order Update	1	I.	Large Fab	Finishing Composite	1		Supplier		
										,					
Root						ption of work order update		Initial		tion	Sign	&			
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	ription	Date	9	Verification	$\perp$	QC Inspector
Doc/Data	_			1				1							
Equip/Tooling	L														
Operator	L														•
Material															
Setup															
Other															
Process							}								
Supplier	L												ļ		
Training															
Unapproved			<u> </u>				$oldsymbol{\perp}$								
							AUL	T CATE	GORY	<del> </del>					
Land		3				General	_	1		<del> </del>	7		Г	_	
	-	Bending			<u> </u>	Bend	<u> </u>	Grain		<u> </u>	Ovalized		<u> </u>	_	ressure/Forced
	<del></del>	Centre N	ot Concer	ntric to (	D/S	BOM/Route	<u> </u>	Hardwa		_	┥		tolerance		emperature/Cure
	Cracks					Broken/Damaged	_	4 .	on Incomplete	_	Part Inc		<u> </u>	—	Veld
	Crushed/Crimped.					Burrs	_	-	ions Incomplete/	'Unclear	Part Los		issing	\^	Vrong Stock Pulled
	Cuffs					Contamination	<u></u>	Mainte			Part Mo				
		Heat Trea	it			Countersink		Mislabe	led		Positioned Wrong			_	
	Inspection Strip in Tube					Cut Too Short	Misread					Power Loss/Surge			)ther

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

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Work Orde							Page 3						
Item ID: Revision ID: Item Name:	D2161-2	212 racket, 212		Accept	*N900	040	100	)*	Setup	Start Stop	I ZI	S1* S2*	
Start Date: Required Date: Reference:	8/27/12 8/27/12	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*	· · · · ·	Cust Item I Customer:	D:				1			
Approvals:	Process QC:	s Plan:	Date:	Tooling: SPC (Y/N):		nte:			Run	Start		R1* R2*	
Sequence ID/ Work Center II	)	Operation Description QC21- Final Inspection	- Work Order Release	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accep Qty	t Re Qt		Reject Number	Insp. Stamp	_
*160* QC Quality Control		Memo		0.00						7/2	121	ME	

MF 5.17

												DQA:	Dat	æ:	,
NCR:	Yes	/ No				WORK ORDER NON-	100	NFORM	MANCE / UP	PDATE		·			
		•		•								QA Closed:	Dat	œ:	
Work Ord	or:					DISPOSITION			AGAINST DEF				PROCESS		
Work Ord	er.		<u> </u>		<del></del>	Rework	1	Skid-tube Crosstube				Water Jet			Engineering
Part No.						Scrap	1	•	Machining	Small Fab		Prod. Eng. Coor.			Quality
						Use-as-is	1	1	noforming	Finishing		Rec/Stor	e/Packaging		Other
NCR No.						Work Order Update	]		Large Fab	Composite		]	Supplier		
<u> </u>			<del>,</del>	,						- <u>-</u>		l a: 0			
Root		Description of work order update					1	Initial		ction		Sign &	., .,		
Cause		Date	Step	Qty		or Non-conformance	Ch	nief Eng	Des	cription		Date	Verification	1	QC Inspector
Doc/Data	<u> </u>											, ,			
Equip/Tooling	L		1												
Operator	_													1	
Material															
Setup			1											į	
Other	<u></u>													1	
Process			ĺ												
Supplier															
Training															
Unapproved			<u> </u>		<u> </u>		<u> </u>					<u> </u>			L
						F	AUL	LT CATE	GORY			±			
Land	ing (	Gear				General	_	7				٦			1
		Bending				Bend	_	Grain				Ovalized		<u>_</u>	Pressure/Forced
	L	Centre N	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		L	Over/Under	tolerance	L	Temperature/Cure
	Cracks					Broken/Damaged		Inspecti	on Incomplete		L	Part Incorred	ct	L	Weld
Crushed/Crimped						Burrs		Instruct	ions Incomplete	/Unclear	L	Part Lost/Mi	ssing	L	Wrong Stock Pulled
	Cuffs					Contamination		Mainte	nance			Part Moved			
	Heat Treat					Countersink		Mislabe	led			Positioned V	Vrong		_
1	Inspection Strip in Tube					Cut Too Short		Misread	· ·		Π	Power Loss/Surge			Other

Offset

Out of Calibration
Out of Sequence

Outside Dimensions

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Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drill Holes

Drawing

Finish Folio

## **Picklist Print**

August-21-12 12:55:57 PM

Work Order ID:

89062

Parent Item:

D2161-212

Parent Item Name:

Mirror Bracket, 212

**Start Date: 8/27/12** 

Required Date: 8/27/12

Page 1

Start Qty: 4.00

Required Qty: 4.00

Comments:	IPP	D02.04.15Ad	B1 and finish	NG	
Component Item ID/	Re	enlacement	Mfg/	Rin	Pr

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2013-3 Mirror Bracket LH, 212		Manufactured	No			100	Each	2.0000	1	Q 41	3-5-/	3	
		-99 596	x4	<b>Location</b> WA 8057 8307		Loc Oty 2	<u>Lo</u>	c Code			: 1 		
D2013-4 Mirror Bracket RH, 212		Manufactured		99631X		100	Each	0.0000	1	R 4/3	: :-5-/	<u>/3</u>	
<b>D2037-101</b> Arm		Manufactured	No			100	Each	9.0000	1	R 413	3-5-1	3	
				<b>Location</b>		Loc Oty	<u>Lo</u>	c Code			l i		
				WA 8679	14	2 2							
				WA025A 7402 8079		7 1 6							
				94		· v					1		

											DQA:	Date	:			
NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UPDATE							
		•									QA Closed:	Date	:			
Work Ord	or.					DISPOSITION		AGAINST DEPARTMENT/PROCESS								
WOIR Old	CI					Rework	]		Skid-tube Crosstub	e	]	Water Jet	Engineering Quality			
Part I	No.					Scrap										
NCR I	No.					Use-as-is Work Order Update							Other			
Root	Description of work order update Initial Action Sign &															
Cause		Date	Step	Qty	(	or Non-conformance	Ct	nief Eng	Description		Date	Verification	QC Inspector			
Doc/Data																
Equip/Tooling											}					
Operator																
Material																
Setup									•							
Other																
Process																
Supplier																
Training	П															
Unapproved	П															
						F	AUI	LT CATE	GORY							
Landi	ing G	iear				General										
	$\Box$	Bending				Bend		Grain			Ovalized		Pressure/Forced			
	П	Centre No	ot Concer	ntric to (	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure			
	Cracks					Broken/Damaged		Inspecti	on Incomplete	Г	Part Incorre	ct	Weld			
	Crushed/Crimped.					Burrs		Instruct	ions Incomplete/Unclear		Part Lost/Mi	ssing	Wrong Stock Pulled			
Cuffs						Contamination		Mainte	nance		Part Moved					
	Heat Treat					Countersink		Mislabe	led		Positioned V	Vrong				
	Inspection Strip in Tube					Cut Too Short		Misread			Power Loss/		Other			
	Ripples in Bend					Drill Holes		Offset			_	_				

Out of Calibration
Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish Folio

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